

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTCarlsbad Field Office  
OCD ArtesiaFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.  
NMNM117555

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
Multiple--See Attached9. API Well No.  
Multiple--See Attached10. Field and Pool or Exploratory Area  
LOCO HILLS-GLORIETA-YESO  
LOCO HILLS-QU-GB-SA

11. County or Parish, State

EDDY COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
COG OPERATING LLCContact: KANICIA CASTILLO  
E-Mail: kcastillo@concho.com3a. Address  
600 W ILLINOIS AVENUE  
MIDLAND, TX 797013b. Phone No. (include area code)  
Ph: 432-685-4332

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple--See Attached

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Surface Commingling
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

COG Operating LLC respectfully requests approval for surface commingle commingle for the following wells:

Newcastle 6 Federal Com PDK 7H  
NMNM116572  
NMNM7752  
NMNM117555  
CA Pending Approval  
API 30-015-42506  
Sec 1 T17S R29E SESE 1030FSL 10FEL  
Loco Hills;Glorieta-Yeso, 96718  
Producing interval is in section 6.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
AUG 01 2017

RECEIVED

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #332671 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 04/12/2016 (16PP0891SE)

Name (Printed/Typed) KANICIA CASTILLO

Title PREPARER

Signature (Electronic Submission)

Date 03/02/2016

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

TLPE7

Date

7/24/17

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

CFO

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

Ruf 8-2-17

**Additional data for EC transaction #332671 that would not fit on the form**

**7. If Unit or CA/Agreement, Name and No., continued**

NMNM135560  
NMNM136292

**Wells/Facilities, continued**

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM135560	NMLC061483	NEWCASTLE 6 FEDERAL COM PD 38-015-42506-00-S1	38-015-42506-00-S1	Sec 1 T17S R29E SESE 1030FSL 10FEL 32.858987 N Lat, 104.019189 W Lon
NMNM136292	NMNM117555	CHIMAY 6 FEDERAL COM 26H	30-015-41585-00-S1	Sec 6 T17S R30E Lot 6 1963FSL 327FWL 32.861553 N Lat, 104.018083 W Lon

**32. Additional remarks, continued**

Chimay 6 Federal Com 26H  
NMNM116572  
NMNM7752  
NMNM117555  
API 30-015-41585  
Sec 6 T17S R30E NWSW 1963FSL 327FWL  
Loco Hills;Glorieta-Yeso, 96718

Consolidating production to one battery will extend the economic life for these wells and lessen surface disturbance.  
Commingle will not reduce value of production.  
All interest owners have been notified.  
All lease Royalty Rates are 12-1/2%.  
Please see attachments.

# APPLICATION FOR A CENTRAL TANK BATTERY, LEASE COMMINGLE, OFF LEASE MEASUREMENT, SALES, & STORAGE

Central Tank Battery Proposal for the Newcastle 6 Fed Com and Chimay 6 Fed Com Wells:  
COG Operating is requesting approval for a Surface commingle for the following wells:

Federal Lease NMNM116572 (12.5%)

Federal Lease NMNM7752 (12.5%)

Federal Lease NMNM117555 (12.5%)

CA Pending Approval NM135560

Well Name	Location	API #	Pool	Oil	BOPD	Gravities	MCFPD	BTU
Newcastle 6 Fed Com 7H	SESE Sec. 1-T17S-R29E-P	30-015-42506	Loco Hills; Glorieta-Yeso 96718		51	36.7	65	1400

Federal Lease NMNM116572 (12.5%)

Federal Lease NMNM7752 (12.5%)

Federal Lease NMNM117555 (12.5%)

CA Pending Approval NM136292

Chimay 6 Fed Com 26H	NWSW Sec. 6-T17S-R30E-6	30-015-41585	Loco Hills; Glorieta-Yeso 96718		51*	36.7*	65*	1400*
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\*These are proposed totals for these wells; once these wells are turned back on the information will be amended.

Attached is a map displays the federal leases and well locations in Section 1, 6 -T17S-R29E.

The BLM's interest in all four wells have the same 12.5% royalty rate.

## Oil & Gas metering:

The central tank battery is located on the pad for the Newcastle 6 Fed Com 7H well located in SWSW, Sec. 1-T17S-R29E on Federal lease NMNM116572. Flowlines from producing wells terminate into the test/production header which serves as the inlet to the tank battery. From the header, the Newcastle 6 Fed Com 7H will produce into a dedicated test separator and the Chimay 6 Federal Com 26H will produce into a dedicated test separator.

The 3-phase horizontal test separator and associated metering devices have been sized for the expected range of fluid rates from the production wells. The sizing and calibration of this equipment ensures accurate measurement of produced fluids from a well in test. Separate meters are used for measuring oil, water and gas. After fluids are separated, oil and water flow rates are measured using turbine meters (PO) #TBD, and the gas flow rate is measured using an orifice meter with an EFM display (PG) #TBD. After measurement, the fluids are sent to the FWKO and the gas is routed to the 2-phase separator to drop out any remaining liquids. Gas separated at this point is then sent to the DCP meter #Newcastle 6 Fed Com GM. #742599-00

Liquids from the 2-phase separator are routed to the FWKO where any free water from the oil stream is dumped into (2) 500 BBL water tanks. Water will then be pumped out of the tanks and tied into a Company owned SWD system. The oil from the FWKO is dumped into the heater treater where heat is applied to separate any remaining oil-water emulsions. The water is sent to the water tanks and the oil is sent to the oil tanks.

The oil test meter will be proven as per API, NMOCD, and BLM specifications, when installed, once per month for the first 3 months (to establish a consistent repeatability factor), and then quarterly thereafter, the factor obtained will be used to allocate the production volumes. The gas test meter will be calibrated on a regular basis per API, NMOCD and BLM specifications.

Newcastle 6 Fed Com #7H production will flow into the test/production header and is routed through the process as described above. No other unique metering devices are included on this individual well.

Chimay 6 Fed Com #26H production flows into the test/production header and is routed through the process as described above. No other unique metering devices are included on this individual well.

The BLM and OCD will be notified of any future changes in the facilities.

**Process and Flow Descriptions:**

The flow of produced fluids is shown in detail on the enclosed facility diagram, along with a map which shows the lease boundaries, communization agreement boundaries, and location of wells, facility, and gas sales meter. The proposed commingling is appropriate based on the BLM's guidance in IM 2013-152. The proposed commingling will maximize the ultimate recovery of oil and/or gas from the federal leases and will reduce environmental impacts by minimizing surface disturbance and emissions. The proposed commingling will reduce operating expenses, as well as, not adversely affect federal royalty income, production accountability, or the distribution of royalty.

Working, royalty, and overriding interest owners have been notified of this proposal via certified mail (see attached).

Signed: 

Printed Name: Kanicia Castillo

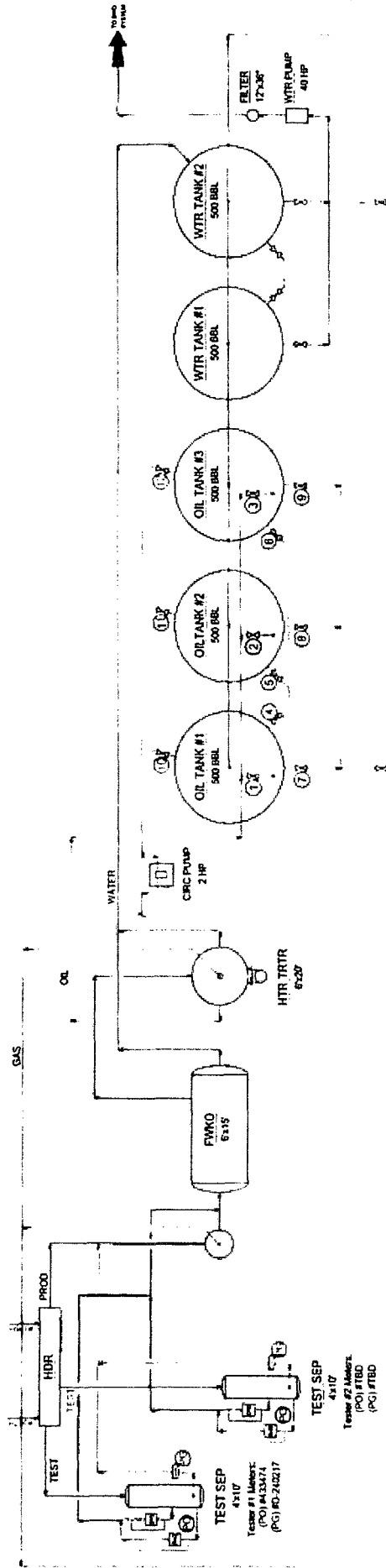
Title: Lead Regulatory Analyst

Date: 3/02/2016

WELLS:  
NEWCASTLE 6 FEDERAL COM PDK #007H: 30-015-42506  
CHIMAY 6 FEDERAL COM 26H: 30-015-41585

- Valve 1 open
- Valves 2 and 3 closed
- Valves 4, 5, and 6 open
- Valves 7, 8, and 9 closed
- Valves 10, 11, and 12 closed

- Valve 1 closed
- Valves 2 or 3 open
- Valve 4 closed
- Valves 5 and 6 open
- Valve 7 open
- Valves 8 and 9 closed
- Valves 10, 11, and 12 closed



GAS METER  
DCP Gas Sales  
Line Meter:  
#742599-00

**COG Operating LLC**  
**Site Security Plans Located At:**  
**One Concho Center**  
**500 W. Illinois Ave.**  
**Midland, TX 79701**

Type of Lease: Federal  
Federal Lease #: SHL: NMNM - 7754  
Property Code: 313489  
OGRID #: 229137

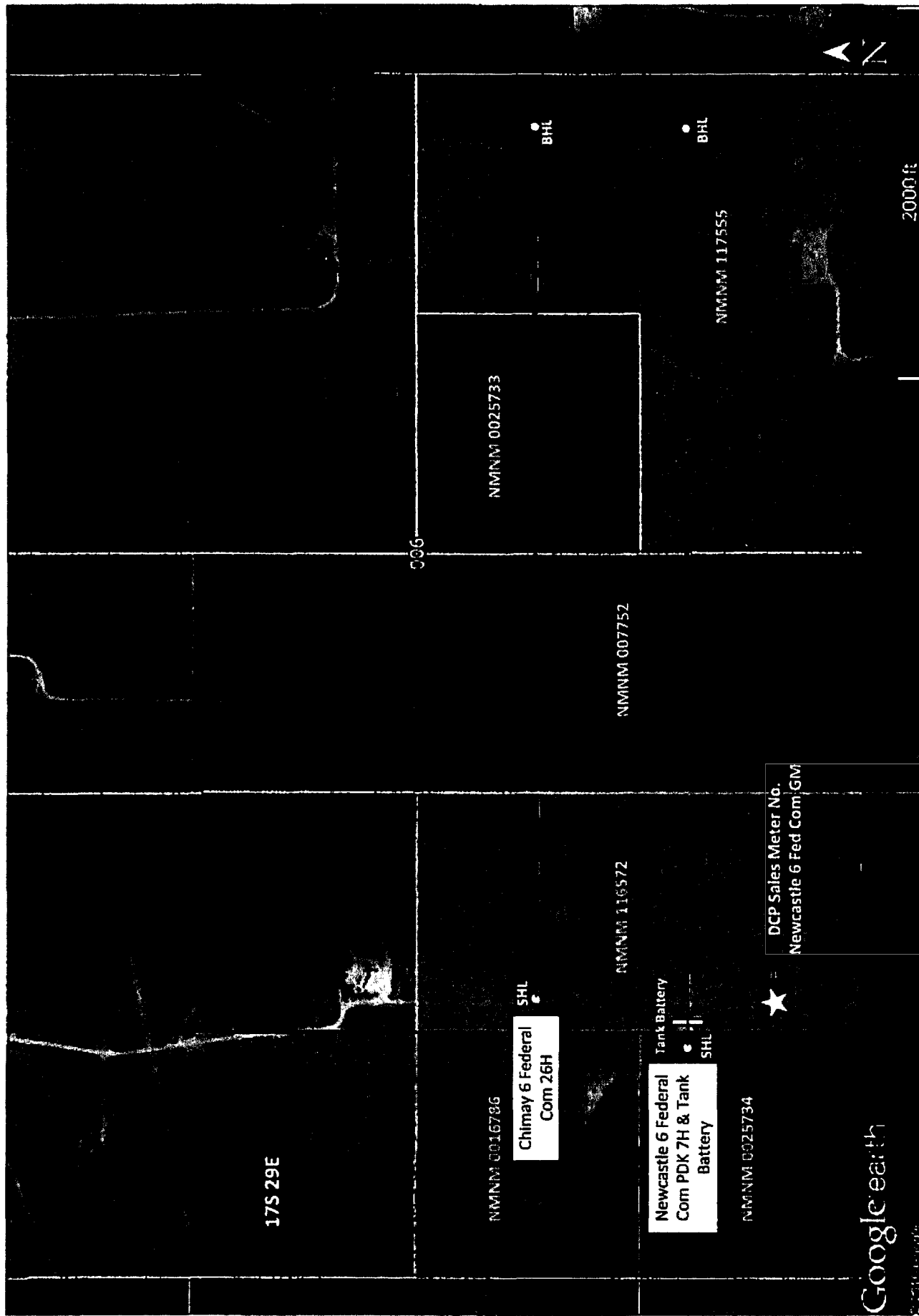


NEW MEDCO SHELF ASSET  
PRODUCTION FACILITIES  
SITE FACILITY DIAGRAM  
U. S. FEDERAL CORP. BOX 771 BATTERY  
NEW MEDCO

0-1700-B1-005	B	ADN
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Newcastle 6 Federal Com 7H Battery Map



NMNM 0013814

NMNM 135473

001

NMNM 125611

NMNM 135030

NMNM 0016786

NMNM 116572

NMLC 0028785B

NMNM 007754

NMNM 0025734

NMNM 007752

NMNM 0025733

012

NMNM 135472

NMNM 0028785

NMNM 120021

NMNM 0013814

006

NMNM 0025733

NMNM 007752

NMNM 117555

NMNM 135560

NMLC 0061483

NMNM 007752

NMNM 133058

NMNM 117122 007

008

NMNM 002748

NMNM 1

005

NMNM 083591

NMNM 001

NMNM  
135473

NMNM 120021

NMNM 136326

NMNM  
135030

NMNM 136292

006

001

NMNM  
136313

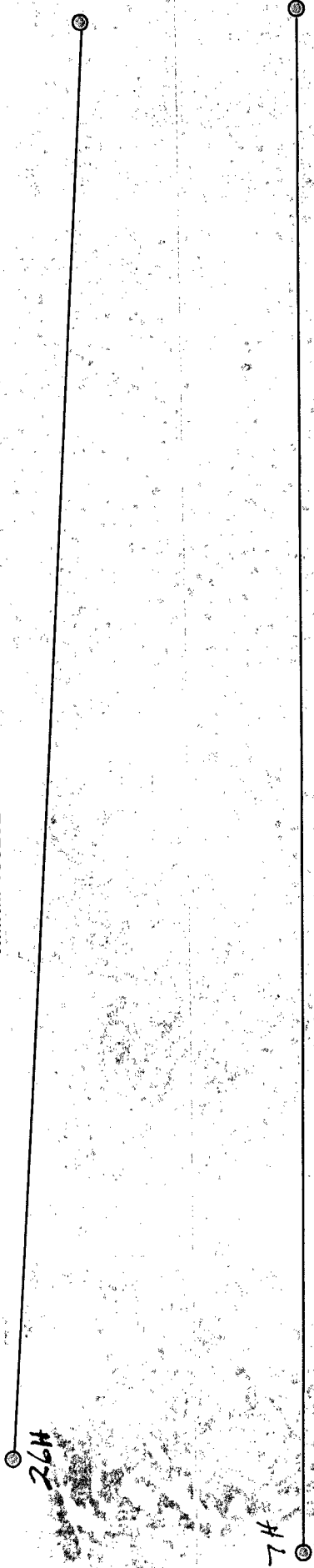
NMNM 135560

NMNM  
125611

012

007

NMNM 133058



**BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 07/24/17 02:13 PM

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**01 02-25-1920;041STAT0437;30USC181**

**Total Acres**

**Serial Number**

**Case Type 318310: O&G COMMUNITIZATION AGRMT**

**157.310**

**NMNM-- - 135560**

**Commodity 459: OIL & GAS**

**Case Disposition: AUTHORIZED**

**Case File Juris: CARLSBAD FIELD OFFICE**

**Serial Number: NMNM-- - 135560**

Name & Address			Int Rel	%Interest
BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD NM 88220	OFFICE OF RECORD	0.000000000
COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND TX 797014882	OPERATOR	100.000000000

**Serial Number: NMNM-- - 135560**

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0170S	0300E	006	ALIQ	SESW,S2SE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0300E	006	LOTS	7;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

**Serial Number: NMNM-- - 135560**

Act Date	Code	Action	Action Remarks	Pending Office
02/01/2015	387	CASE ESTABLISHED		
02/01/2015	516	FORMATION	YESO	
02/01/2015	526	ACRES-FED INT 100%	157.31;100%	
02/01/2015	868	EFFECTIVE DATE	30-015-42506	
02/18/2015	654	AGRMT PRODUCING	/1/	
02/18/2015	658	MEMO OF 1ST PROD-ACTUAL	/1/30-015-42506	
02/04/2016	334	AGRMT APPROVED		
02/04/2016	643	PRODUCTION DETERMINATION	/1/	

**Serial Number: NMNM-- - 135560**

Line Nr	Remarks
0001	RECAPITULATION EFFECTIVE 02/01/2015
0002	TRACT # LEASE SERIAL # AC COMMITTED PCT INT
0003	1 NMNM116572 37.31 23.7175
0004	2 NMNM7752 40.00 25.4275
0005	3 NMNM117555 80.00 50.8550
0006	TOTAL 157.31 100.0000

NO WARRANTY IS MADE BY BLM  
FOR USE OF THE DATA FOR  
PURPOSES NOT INTENDED BY BLM

**BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 07/24/17 02:15 PM

Page 1 of 1

01 02-25-1920;041STAT0437;30USC181

Total Acres

Serial Number

Case Type 318310: O&G COMMUNITIZATION AGRMT

157.170

NMNM-- - 136292

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Case File Juris: CARLSBAD FIELD OFFICE

Serial Number: NMNM-- - 136292

Name & Address			Int Rel	%Interest
BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD NM 88220	OFFICE OF RECORD	0.000000000
COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND TX 797014882	OPERATOR	100.000000000

Serial Number: NMNM-- - 136292

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0170S	0300E	006	ALIQ	NESW,N2SE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0300E	006	LOTS	6;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 136292

Act Date	Code	Action	Action Remarks	Pending Office
01/01/2016	387	CASE ESTABLISHED		
01/01/2016	516	FORMATION	YESO	
01/01/2016	526	ACRES-FED INT 100%	157.17;100%	
01/01/2016	868	EFFECTIVE DATE	/A/	
03/21/2016	654	AGRMT PRODUCING	/1/	
03/21/2016	658	MEMO OF 1ST PROD-ACTUAL	/1/30-015-41585	
09/19/2016	643	PRODUCTION DETERMINATION	/1/	

Serial Number: NMNM-- - 136292

Line Nr	Remarks
0001	/A/RECAPITULATION EFFECTIVE 01/01/2016
0002	TR# LEASE SERIAL NO AC COMMITTED % INTEREST
0003	1 NMNM116572 37.17 23.65
0004	2A NMNM7752 40.00 5.09
0005	2B NMNM7752 00.00 20.36
0006	3A NMNM7752 40.00 5.09
0007	3B NMNM7752 00.00 20.36
0008	4 NMNM117555 40.00 25.45
0009	TOTAL 157.17 100.00
0010	DUE TO VARIED OWNERSHIP AS TO CERTAIN DEPTHS ABOVE
0011	AND BELOW 5,000 FT., TRACTS 2B & 3B COVERS THE SAME
0012	ACREAGE AS TRACTS 2A & 3A RESPECTIVELY.

NO WARRANTY IS MADE BY BLM  
FOR USE OF THE DATA FOR  
PURPOSES NOT INTENDED BY BLM

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

Run Time: 01:08 PM

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Run Date: 01/14/2016

01 12-22-1987;101STAT1330;30USC181 ET SE  
Case Type 312021: O&G LSE COMP PD -1987  
Commodity 459: OIL & GAS  
Case Disposition: AUTHORIZED

Total Acres 120.000  
Serial Number NMNM-- - 117555

Name & Address			Serial Number: NMNM-- - 117555		Int Rel	% Interest
COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND TX 797014882	LESSEE		100.000000000	
COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND TX 797014882	OPERATING RIGHTS		0.000000000	

Serial Number: NMNM-- - 117555								
Mer Twp	Rng	Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23	0170S	0300E	006	ALIQ	E2SE,SWSE,	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0300E	006	FF	ALL FORMATIONS EXCEPT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0300E	006	FF	02 THE GRAYBURG FORMATION;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0300E	006	FF	03 AS DEFINED BY SEC 2F OF;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0300E	006	FF	04 THE SQUARE LAKE 12 UNIT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 117555				
Act Date	Code	Action	Action Remark	Pending Office
01/05/2007	299	PROTEST FILED	Forest Guardian;	
01/16/2007	387	CASE ESTABLISHED	200701022;	
01/17/2007	143	BONUS BID PAYMENT RECD	\$240.00;	
01/17/2007	191	SALE HELD		
01/17/2007	267	BID RECEIVED	\$288000.00;	
01/31/2007	143	BONUS BID PAYMENT RECD	\$287760.00;	
02/28/2007	298	PROTEST DISMISSED		
05/10/2007	237	LEASE ISSUED		
06/01/2007	496	FUND CODE	05;145003	
06/01/2007	530	RLTY RATE - 12 1/2%		
06/01/2007	868	EFFECTIVE DATE		
12/31/2007	140	ASGN FILED	CAZA ENER/CHASE OIL;1	
02/28/2008	139	ASGN APPROVED	EFF 01/01/08;	
02/28/2008	974	AUTOMATED RECORD VERIF	MV	
03/03/2008	650	HELD BY PROD - ACTUAL	/1/	
04/01/2008	246	LEASE COMMITTED TO CA	/1/ NM120828;	
04/09/2008	932	TRF OPER RGTS FILED	CHASE OIL/CHASE ETA;1	
05/08/2008	643	PRODUCTION DETERMINATION	/1/	
05/08/2008	658	MEMO OF 1ST PROD-ACTUAL	/1/#1 AVALON FED;	
06/27/2008	933	TRF OPER RGTS APPROVED	EFF 05/01/08;	
06/27/2008	974	AUTOMATED RECORD VERIF	ANN	
01/14/2013	932	TRF OPER RGTS FILED	FERGUSON/DIAKAN MI;1	
01/17/2013	932	TRF OPER RGTS FILED	CHASE ET/VENTANA M;1	
03/25/2013	140	ASGN FILED	CHASE OIL/COG OPERA;1	
03/25/2013	932	TRF OPER RGTS FILED	CHASE OIL/COG OPERA;1	
04/10/2013	139	ASGN APPROVED	1 EFF 02/01/13;	
04/10/2013	139	ASGN APPROVED	2 EFF 02/01/13;	
04/10/2013	974	AUTOMATED RECORD VERIF	LBO	
07/23/2013	139	ASGN APPROVED	EFF 04/01/13;	
07/23/2013	933	TRF OPER RGTS APPROVED	EFF 04/01/13;	
07/23/2013	974	AUTOMATED RECORD VERIF	DME	

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**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
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Run Date: 01/14/2016

01 12-22-1987;101STAT1330;30USC181 ET SE

Total Acres

Serial Number

Case Type 312021: O&G LSE COMP PD -1987

74.480

NMNM-- - 116572

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Serial Number: NMNM-- - 116572

Name & Address	Int Rel	% Interest
COG OPERATING LLC 600 W ILLINOIS AVE MIDLAND TX 797014882	LESSEE	95.000000000
CONCHO OIL & GAS LLC 600 W ILLINOIS AVE, ONE CONCHO CEI MIDLAND TX 797014882	LESSEE	5.000000000

Serial Number: NMNM-- - 116572

Mer Twp Rng Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23 0170S 0300E 006	FF	02	ALL FORMATIONS EXCEPT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0170S 0300E 006	FF	03	GRAYBURG FORMATION AS,	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0170S 0300E 006	FF	04	DEFINED BY SEC 2F OF THE,	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0170S 0300E 006	FF	05	UNIT AGREEMENT,	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0170S 0300E 006	LOTS	01	6.7;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 116572

Act Date	Code	Action	Action Remark	Pending Office
07/03/2006	299	PROTEST FILED	Forest Guardians	
07/18/2006	387	CASE ESTABLISHED	200607024;	
07/19/2006	191	SALE HELD		
07/19/2006	267	BID RECEIVED	\$127500.00;	
08/28/2006	298	PROTEST DISMISSED		
08/31/2006	237	LEASE ISSUED		
08/31/2006	974	AUTOMATED RECORD VERIF	BTM	
09/01/2006	496	FUND CODE	05;145003	
09/01/2006	530	RLTY RATE - 12 1/2%		
09/01/2006	868	EFFECTIVE DATE		
02/16/2007	963	CASE MICROFILMED/SCANNED		
04/01/2008	246	LEASE COMMITTED TO CA	/1/ NM120828;	
09/05/2008	643	PRODUCTION DETERMINATION	/1/	
09/05/2008	651	HELD BY PROD - ALLOCATED	/1/	
09/05/2008	660	MEMO OF 1ST PROD-ALLOC	/1/NMNM120828;	
04/18/2011	140	ASGN FILED	MARBOB EN/COG OPERA;1	
08/11/2011	139	ASGN APPROVED	EFF 05/01/2011;	
08/11/2011	974	AUTOMATED RECORD VERIF	JS	

Serial Number: NMNM-- - 116572

Line Nr	Remarks
02	STIPULATIONS APPLIED TO LEASE:
03	NM-11-LN SPECIAL CULTURAL RESOURCE
04	SENM-S-22 PRAIRIE CHICKENS
05	SENM-S-34 ZONE 3 PLAN OF DEVELOPMENT

**BUREAU OF LAND MANAGEMENT  
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**01 02-25-1920;041STAT0437;30USC226**

**Total Acres**

**Serial Number**

**Case Type 310771: O&G EXCHANGE LEASE - PD**

**1,154.530**

**NMNM-- - 007752**

**Commodity 459: OIL & GAS**

**Case Disposition: AUTHORIZED Case File Juris:**

**Serial Number: NMNM-- - 007752**

Name & Address			Int Rel	%Interest
BETHEL VIRGINIA LEE	524 PITTMAN	RICHARDSON TX 75081	OPERATING RIGHTS	0.000000000
BISSETT WAYNE A	PO BOX 2101	MIDLAND TX 79702	OPERATING RIGHTS	0.000000000
BLACK STONE ENERGY CO LLC	1001 FANNIN ST STE 2020	HOUSTON TX 770026715	OPERATING RIGHTS	0.000000000
BREWER MARK T	2002 BRISCOE AVE	ARTESIA NM 88210	OPERATING RIGHTS	0.000000000
BREWER THOMAS J	2101 W RUNYAN AVE	ARTESIA NM 882102573	OPERATING RIGHTS	0.000000000
BUCKHORN ENTERPRISES	2101 W RUNYAN AVE	ARTESIA NM 88210	OPERATING RIGHTS	0.000000000
CARSON DAVID RHEA	524 PITTMAN	RICHARDSON TX 75081	OPERATING RIGHTS	0.000000000
CARSON EDWARD LEWIS	524 PITTMAN	RICHARDSON TX 75081	OPERATING RIGHTS	0.000000000
CHASE BILLY W	PO BOX 515	ARTESIA NM 882110515	OPERATING RIGHTS	0.000000000
CHASE OIL CORP	PO BOX 1767	ARTESIA NM 882111767	OPERATING RIGHTS	0.000000000
CHASE RICHARD L	505 S BOLTON RD	ARTESIA NM 88210	OPERATING RIGHTS	0.000000000
CHASE ROBERT C	2306 SIERRA VISTA DR	ARTESIA NM 88210	OPERATING RIGHTS	0.000000000
CHI ENERGY INC	PO BOX 1799	MIDLAND TX 79702	OPERATING RIGHTS	0.000000000
COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND TX 797014882	OPERATING RIGHTS	0.000000000
COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND TX 797014882	LESSEE	100.000000000
CONCHO OIL & GAS LLC	600 W ILLINOIS AVE, ONE CONCHO CENTER	MIDLAND TX 797014882	OPERATING RIGHTS	0.000000000
CROUCH GERENE D C	PO BOX 693	ARTESIA NM 88211	OPERATING RIGHTS	0.000000000
DAMSON OIL CORP	PO BOX 4391	HOUSTON TX 772104391	OPERATING RIGHTS	0.000000000
DOMINION OK TX EXPL & PROD INC	14000 QUAIL SPGS PKY #600	OKLAHOMA CITY OK 73134	OPERATING RIGHTS	0.000000000
EOG RESOURCES INC	PO BOX 4362	HOUSTON TX 772104362	OPERATING RIGHTS	0.000000000
HENDERSON DAVID L	815 W 10TH ST	FORT WORTH TX 76102	OPERATING RIGHTS	0.000000000
HUNT OIL CO	1900 N AKARD ST	DALLAS TX 752012300	OPERATING RIGHTS	0.000000000
KOCH DOUGLAS C	BOX 10651	MIDLAND TX 79702	OPERATING RIGHTS	0.000000000
LOTHIAN OIL INC	303 W WALL #500	MIDLAND TX 79701	OPERATING RIGHTS	0.000000000
LOUIS DREYFUS NATURAL GAS CORP	14000 QUAIL SPRINGS PKY #600	OKLAHOMA CITY OK 731342600	OPERATING RIGHTS	0.000000000
LOWERY J J	PO BOX 13685	ODESSA TX 79768	OPERATING RIGHTS	0.000000000
MACK C CHASE TRUSTEE	PO BOX 693	ARTESIA NM 88210	OPERATING RIGHTS	0.000000000
MACK ENERGY CORP	PO BOX 960	ARTESIA NM 88211	OPERATING RIGHTS	0.000000000
MARBOB ENERGY CORP	PO BOX 227	ARTESIA NM 882110227	OPERATING RIGHTS	0.000000000
MEYERS MELVA JEAN	NO 1 ST ANDREW CIR	BROKEN ARROW OK 74011	OPERATING RIGHTS	0.000000000
MEYERS REX THOMAS	524 PITTMAN	RICHARDSON TX 75081	OPERATING RIGHTS	0.000000000
MEYERS REX THOMAS	NO 1 ST ANDREW CIR	BROKEN ARROW OK 74011	OPERATING RIGHTS	0.000000000
NM BAPTIST FOUNDATION	PO BOX 485	ALBUQUERQUE NM 87103	OPERATING RIGHTS	0.000000000
PACIFIC ENTERPRISES ABC CORP	8235 DOUGLAS AVE #525	DALLAS TX 75225	OPERATING RIGHTS	0.000000000
PIONEER NATURAL RES USA INC	1401 17TH ST #1200	DENVER CO 80202	OPERATING RIGHTS	0.000000000
SAMSON RESOURCES CO	2 W SECOND ST	TULSA OK 74103	OPERATING RIGHTS	0.000000000
SOUTHWEST ROYALTIES INC	6 DESTA DR STE 3700	MIDLAND TX 797055516	OPERATING RIGHTS	0.000000000

**Serial Number: NMNM-- - 007752**

Mer Twp	Rng	Sec	SType	Nr	Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0170S	0290E	001	FF	01	SWNE,S2NW,N2SW,ALL FORMS;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0290E	001	FF	02	SESW,NWSE,ALL FORMATIONS;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0290E	001	FF	03	SWSW,SWSE,ALL FORMATIONS;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0290E	001	FF	04	EXCEPT GRAYBURG FORM AS;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0290E	001	FF	05	DEFINED BY SEC 2F OF THE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0290E	001	FF	06	UNIT AGREEMENT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0290E	012	FF	01	NE,N2NW,ALL FORMS EXCEPT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0290E	012	FF	02	GRAYBURG FORM AS DEFINED;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0290E	012	FF	03	BY SEC 2F OF THE UNIT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0290E	012	FF	04	AGREEMENT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0300E	006	FF	01	L 3,SENW,E2SW,ALL FORMS;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0300E	006	FF	02	NWSE,ALL FORMS EXCEPT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

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23	0170S	0300E	006	FF	03	GRAYBURG FORM AS DEFINED;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0300E	006	FF	04	BY SEC 2F OF THE UNIT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0300E	006	FF	05	AGREEMENT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0300E	007	FF	01	E2SW,SE,ALL FORMATIONS;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0300E	007	FF	02	L 1,2,ALL FORMS EXCEPT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0300E	007	FF	03	GRAYBURG FORM AS DEFINED;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0300E	007	FF	04	BY SEC 2F OF THE UNIT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0300E	007	FF	05	AGREEMENT;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0170S	0300E	008	FF		NWNW,ALL FORMATIONS;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 007752

Act Date	Code	Action	Action Remarks	Pending Office
12/31/1938	387	CASE ESTABLISHED		
12/31/1938	496	FUND CODE	05;145003	
12/31/1938	533	RLTY STEP 12.5-32%	<i>SEE NEXT PAGE AUG. 8<sup>TH</sup> Determination For YESO</i>	
12/31/1938	868	EFFECTIVE DATE		<i>12.520</i>
08/01/1968	209	CASE CREATED BY SEGR	OUT OF NMNM025733;	
08/01/1968	650	HELD BY PROD - ACTUAL		
08/01/1968	658	MEMO OF 1ST PROD-ACTUAL		
01/18/1974	932	TRF OPER RGTS FILED		
04/16/1974	932	TRF OPER RGTS FILED		
09/19/1975	940	NAME CHANGE RECOGNIZED	KEWANEE OIL CO/IND	
08/07/1977	932	TRF OPER RGTS FILED		
11/23/1977	932	TRF OPER RGTS FILED		
07/03/1978	932	TRF OPER RGTS FILED	(1)	
07/03/1978	932	TRF OPER RGTS FILED	(2)	
07/01/1982	963	CASE MICROFILMED/SCANNED	CNUM 103,138	GLC
01/30/1985	932	TRF OPER RGTS FILED		
03/28/1985	932	TRF OPER RGTS FILED		
05/28/1986	933	TRF OPER RGTS APPROVED	EFF 02/01/85;	
05/28/1986	933	TRF OPER RGTS APPROVED	EFF 04/01/85;	
05/05/1987	933	TRF OPER RGTS APPROVED	(1)EFF 08/01/78;	
05/05/1987	933	TRF OPER RGTS APPROVED	(2)EFF 08/01/78;	
05/05/1987	933	TRF OPER RGTS APPROVED	EFF 02/01/74;	
05/05/1987	933	TRF OPER RGTS APPROVED	EFF 05/01/74;	
05/05/1987	933	TRF OPER RGTS APPROVED	EFF 09/01/77;	
05/08/1987	963	CASE MICROFILMED/SCANNED	CNUM 103,138	RW
05/27/1988	933	TRF OPER RGTS APPROVED	EFF 12/01/77;	
05/27/1988	974	AUTOMATED RECORD VERIF		HKG/HKG
07/25/1988	932	TRF OPER RGTS FILED		
08/22/1988	933	TRF OPER RGTS APPROVED	EFF 08/01/88;	
08/22/1988	974	AUTOMATED RECORD VERIF		BTM/MT
09/28/1988	932	TRF OPER RGTS FILED		
10/31/1988	933	TRF OPER RGTS APPROVED	EFF 10/01/88;	
10/31/1988	974	AUTOMATED RECORD VERIF		RAO/JR
11/15/1988	932	TRF OPER RGTS FILED		
12/09/1988	933	TRF OPER RGTS APPROVED	EFF 12/01/88;	
12/09/1988	974	AUTOMATED RECORD VERIF		GLC/MT

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06/17/2005	974	AUTOMATED RECORD VERIF	ANN
07/07/2005	625	RLTY REDUCTION APPV	/13/
08/30/2005	974	AUTOMATED RECORD VERIF	ANN
05/23/2006	932	TRF OPER RGTS FILED	CHASE OIL/COG OIL &;1
07/21/2006	933	TRF OPER RGTS APPROVED	EFF 06/01/06;
07/21/2006	974	AUTOMATED RECORD VERIF	ANN
09/22/2006	625	RLTY REDUCTION APPV	/14/
11/15/2006	974	AUTOMATED RECORD VERIF	ANN
01/04/2007	932	TRF OPER RGTS FILED	DOMINION/LOBOS ENE;1
05/08/2007	933	TRF OPER RGTS APPROVED	EFF 02/01/07;
05/08/2007	974	AUTOMATED RECORD VERIF	ANN
01/15/2008	246	LEASE COMMITTED TO CA	NMNM120021;
04/01/2008	246	LEASE COMMITTED TO CA	NMNM120828;
10/06/2008	932	TRF OPER RGTS FILED	EOG RESOU/CHI ENERG;1
03/24/2009	933	TRF OPER RGTS APPROVED	EFF 11/01/08
03/24/2009	974	AUTOMATED RECORD VERIF	MV
02/15/2010	246	LEASE COMMITTED TO CA	NMNM125611;
03/17/2010	940	NAME CHANGE RECOGNIZED	COG O&G/COG OPER
11/01/2010	658	MEMO OF 1ST PROD-ACTUAL	/15/SKYHAW 1 FED COM;
04/18/2011	932	TRF OPER RGTS FILED	MARBOB E/COG OPERA;1
04/18/2011	932	TRF OPER RGTS FILED	MARBOB E/COG OPERA;2
04/18/2011	932	TRF OPER RGTS FILED	MARBOB EN/COG OPERA;1
04/18/2011	932	TRF OPER RGTS FILED	MARBOB EN/COG OPERA;2
04/18/2011	932	TRF OPER RGTS FILED	MARBOB EN/COG OPERA;3
04/18/2011	932	TRF OPER RGTS FILED	MARBOB EN/COG OPERA;4
05/05/2011	530	RLTY RATE - 12 1/2%	YESO FORMATION;/A/
05/05/2011	625	RLTY REDUCTION APPV	EFF 05/05/11;/A/
06/24/2011	933	TRF OPER RGTS APPROVED	EFF: 05/01/2011;1
06/24/2011	933	TRF OPER RGTS APPROVED	EFF: 05/01/2011;2
06/24/2011	933	TRF OPER RGTS APPROVED	EFF: 05/01/2011;3
06/24/2011	933	TRF OPER RGTS APPROVED	EFF: 05/01/2011;4
06/24/2011	974	AUTOMATED RECORD VERIF	MJD
07/12/2011	933	TRF OPER RGTS APPROVED	01 EFF 05/01/11;
07/12/2011	933	TRF OPER RGTS APPROVED	02 EFF 05/01/11;
07/12/2011	974	AUTOMATED RECORD VERIF	MV
09/02/2011	932	TRF OPER RGTS FILED	J M HUBER/BLACK STO;1
12/16/2011	933	TRF OPER RGTS APPROVED	EFF 10/01/11;
12/27/2011	974	AUTOMATED RECORD VERIF	ANN
01/01/2012	817	MERGER RECOGNIZED	BLK STN IV/BLK STN MI
07/12/2012	932	TRF OPER RGTS FILED	BLACK STO/BLACK STO;1
08/14/2012	933	TRF OPER RGTS APPROVED	EFF 08/01/12;
08/14/2012	974	AUTOMATED RECORD VERIF	DME
04/27/2013	246	LEASE COMMITTED TO CA	NMNM136326;
04/27/2013	658	MEMO OF 1ST PROD-ACTUAL	/8/NMNM136326;
10/25/2013	140	ASGN FILED	PIIONEER N/COG OPERA;1
12/02/2013	139	ASGN APPROVED	11/01/13;
12/02/2013	974	AUTOMATED RECORD VERIF	LBO
01/01/2014	246	LEASE COMMITTED TO CA	NMNM133058;
05/30/2014	658	MEMO OF 1ST PROD-ACTUAL	/1/NMNM133058;
08/01/2014	246	LEASE COMMITTED TO CA	NMNM135472;

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08/05/2014	643	PRODUCTION DETERMINATION	/1/
10/01/2014	246	LEASE COMMITTED TO CA	NMNM135030;
10/01/2014	246	LEASE COMMITTED TO CA	NMNM135473;
11/26/2014	658	MEMO OF 1ST PROD-ACTUAL	/2/NMNM135472;
12/03/2014	658	MEMO OF 1ST PROD-ACTUAL	/4/NMNM135030;
12/25/2014	658	MEMO OF 1ST PROD-ACTUAL	/3/NMNM135473;
02/01/2015	246	LEASE COMMITTED TO CA	NMNM135560;
02/18/2015	658	MEMO OF 1ST PROD-ACTUAL	/5/NMNM135560;
04/14/2015	246	LEASE COMMITTED TO CA	NMNM136313;
04/14/2015	658	MEMO OF 1ST PROD-ACTUAL	/7/NMNM136313;
09/16/2015	066	BANKRUPTCY FILED	SAMSON RESOURCES CO
01/01/2016	246	LEASE COMMITTED TO CA	NMNM136292;
01/14/2016	643	PRODUCTION DETERMINATION	/2/
01/14/2016	643	PRODUCTION DETERMINATION	/3/
02/01/2016	643	PRODUCTION DETERMINATION	/4/
02/04/2016	643	PRODUCTION DETERMINATION	/5/
03/21/2016	658	MEMO OF 1ST PROD-ACTUAL	/6/NMNM136292;
09/19/2016	643	PRODUCTION DETERMINATION	/6/
09/26/2016	643	PRODUCTION DETERMINATION	/7/
09/26/2016	643	PRODUCTION DETERMINATION	/8/

Line Nr      Remarks      Serial Number: NMNM-- - 007752

0002	SECTION 2(F) GRAYBURG FORMATION SHALL MEAN THE
0003	ESTABLISHED UNDERGROUND RESERVOIR, THE TOP OF WHICH
0004	IS FOUND AT 2416 FEET, AND THE BASE OF WHICH IS
0005	FOUND AT 2710 FEET, ON THE GAMMA RAY-NEUTRON LOG OF
0006	THE KEWANEE OIL COMPANY NUMBER 10 BEDDINGFIELD WELL,
0007	LOCATED IN THE SWSE OF SEC 1, T 17 S, R 29 E, NMPM,
0008	INsofar AS THE SAME LIES WITHIN THE UNIT AREA
0009	LOC REQUESTED FROM DSC 3/4/91.
0010	3/18/91 - LOC RECEIVED FROM DSC
0011	3/21/91 - LOC RETURNED TO FINANCIAL INSTITUTION
0013	06/24/2011 - COG OPERATING
0015	12/16/2011 - TANDEM ENERGY CORP - NMB000563 - S/W;
0016	08/14/2012 BLACK STONE ENERGY CO ESB000200 NW
0017	COG OPERATING LLC NMB000740 S/W CFO ONLY;
0018	/A/ACT OF AUG 8, 1946 ROYALTY DETERMINATION
0019	ENTIRE LEASE QUALIFIED FOR 12.5 ROYALTY LIMITATION
0020	PORTIONS THAT WOULD RECEIVE ROYALTY LIMITATION
0021	FOR ALL HORIZONS:
0022	T. 17S., R. 29E.,
0023	SEC. 01: SWNE, S2NW, N2SW, SESW, NWSE;
0024	T. 17S., R. 30 E.,
0025	SEC. 06: LOT 3, SENW, E2SW;
0026	SEC. 07: E2SW, SE;
0027	SEC. 08: NWNW;
0028	PORTIONS THAT WOULD RECEIVE THE ROYALTY LIMITATION
0029	ONLY FOR THE YESO FORMATION:
0030	T. 17S., R. 29 E.,
0031	SEC. 01: SWSW, SWSE;
0032	SEC. 12: NE, N2SW;
0033	T. 17 S., R. 30 E.,
0034	SEC. 06: NWSE;
0035	SEC. 07: LOTS 1, 2;

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Sent via Certified Mail  
Return Receipt: 91 7199 9991 7035 2451 5483

January 15, 2016

BUREAU OF LAND MANAGEMENT  
ATTENTION: ED FERNANDEZ  
620 E. GREEN STREET  
CARLSBAD, NM 88220

**RE: Request for Surface Commingle**

To Whom It May Concern:

This letter will serve as notice under Rule 104.F (3) that COG Operating LLC has requested administrative approval from the Oil Conservation Division in Santa Fe, NM for Surface Commingle of production from the following wells to the Newcastle 6 Federal Com 7H Central Tank Battery:

Newcastle 6 Federal Com PDK 7H  
Eddy County, NM  
API # 30-015-42930  
Surface: 330 FSL & 10 FEL  
Sec 1, T17S, R29E, Unit P

Chimay 6 Federal Com 25H  
Eddy County, NM  
API # 30-015-41584  
Surface: 2310 FSL & 10 FEL  
Sec 1, T17S, R29E, Lot 1

Newcastle 6 Federal Com 28H  
Eddy County, NM  
API # 30-015-42506  
Surface: 1030 FSL & 10 FEL  
Sec 1, T17S, R29E, Unit P

Chimay 6 Federal Com 26H  
Eddy County, NM  
API # 30-015-41585  
Surface: 1963 FSL & 327 FWL  
Sec 6, T17S, R30E, Lot 6

Should you, or your company, have any objection, it must be filed in writing within twenty (20) days from the date of this notice to the New Mexico Oil Conservation Division at the following address: 1220 S St. Francis Drive, Santa Fe, New Mexico 87505. The Division Director may approve the Surface Commingle if no objection has been made within the 20 days after the application has been received. Please do not hesitate to reach us with any questions at the phone number given below.

Sincerely,

Kanicia Castillo  
432.685.4332  
Lead Regulatory Analyst  
COG Operating LLC

1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to Andrews Oil, L.P. 1015 BEE CAVE WOODS DR., SUITE 100A AUSTIN, TX. 78746-0000   GC: 91 7199 9991 7035 2451 5490
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to BUREAU OF LAND MANAGEMENT, ATTENTION: ED FERNANDEZ, 620 E. GREEN STREET CARLSBAD, NM 88502   GC: 91 7199 9991 7035 2451 5483
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to CHAGE OIL CORPORATION, P.O. BOX 3767, ARTESIA, NM 88211   GC: 91 7199 9991 7035 2451 5476
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to Chi Partners, LLC, 1212 North Main Street, Suite 700 Midland, TX. 79701   GC: 91 7199 9991 7035 2451 5469
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to DUKAN MINERALS LLC, ATTN: REBECCA S. ERICSON, A/P O BOX 693 ARTESIA, NM 88211   GC: 91 7199 9991 7035 2451 5445
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to Principal Properties, Attn: Doug & Suzanne Lanier 1603 Enfield, Suite 101 Austin, TX. 78703   GC: 91 7199 9991 7035 2451 5421
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to JOANNA L. RUDERMOYT, SSP, 6625 E. CYPRRESS ST. SCOTTSDALE, AZ 85257   GC: 91 7199 9991 7035 2451 5384
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to KAREN OLIVER REVOCABLE TRUST, ATTN: GEORGE DAVID FELICE 18183 BAYWOOD VILLAGES DRIVE ST LOUIS, MO 63107   GC: 91 7199 9991 7035 2451 5377
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to MARY CAROLYN JOHNSON, 519 330 OAK BROOK LAKE GREENWOOD, IN 46142   GC: 91 7199 9991 7035 2451 5360
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent via Certified Mail to McCombs Energy, Ltd., 15599 San Felipe, Ste. 1200, Houston, Texas 77056   GC: 91 7199 9991 7035 2451 5353
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to David Rheta Carson P.O. Box 3058 Taos, NM 87571   GC: 91 7199 9991 7035 2451 5352
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to Edward Louis Carson, Jr. 4308 NW 49th St. Oklahoma City, OK 73115   GC: 91 7199 9991 7035 2451 5414
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to Gayle Angela Carson 619 Rolling M: Drive Sugar Land, TX 77498-1075   GC: 91 7199 9991 7035 2451 5063
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to Jackie Temp Jones 5205 New Orleans Odessa, TX 79762   GC: 91 7199 9991 7035 2451 5407
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to James Chester Bethel, Jr. 574 Pittman Street Richardson, TX 75081-4278   GC: 91 7199 9991 7035 2451 5391
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Mail to Diana Louise Carson Konika 14120 Edmond Lake Road Jones, OK 73049-3438   GC: 91 7199 9991 7035 2451 5418
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to MCDANIEL OIL CORPORATION 8100 LOMO ALTO DR. STE. 312 DALLAS, TX 75225   GC: 91 7199 9991 7035 2451 5346
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to Melva Jean Meyers as TTEE OF THE REX THOMAS MEYERS EXEMPTION TRUST UTA DATED 8/7/1995 1 St. Andrews Circle Broken Arrow, OK 74011   GC: 91 7199 9991 7035 2451 5339
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent via Certified Mail to Northson Oil & Gas, Inc., Legacy Towers One   7250 Dallas Parkway, Suite 1400, Plano, Texas 75024   GC: 91 7199 9991 7035 2451 5322
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to RAYE MILLER 3308 SIERRA VISTA RD ARTESIA, NM 88210   GC: 91 7199 9991 7035 2451 5315
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to Richard M. Lowery 137 Apollo Drive Burnet, TX 78611   GC: 91 7199 9991 7035 2451 5308
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to ROBERT C CHASE PO BOX 297 ARTESIA, NM 88211   GC: 91 7199 9991 7035 2451 5292
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to RDOOT TANNY HOLDINGS LLC, PO BOX 403 ROSEMOUNT, NM 55068-0403   GC: 91 7199 9991 7035 2451 5285
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to RBA MINERALS, LLC 2214 TOLL GATE ROAD SE, HUNTSVILLE, AL 35801   GC: 91 7199 9991 7035 2451 5278
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Certified Mail to the New Mexico Baptist Foundation, Inc. Attn: Mr. Rick Breckon 2511 Wyoming Blvd NE Albuquerque, NM 87111   GC: 91 7199 9991 7035 2451 5261
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Mail to Valerie Rose Carson Nechman 678 Longview Drive Sugar Land, TX 77478-3729   GC: 91 7199 9991 7035 2451 5254
1/15/2016	TC	Commingles Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com 47H C7B	Sent Mail to VENTANIA MINERALS LLC, ATTN: STACI SANDOZ, A/P O BOX 359 ARTESIA, NM 88211   GC: 91 7199 9991 7035 2451 5247

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

**[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]**  
**[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]**  
**[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]**  
**[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]**  
**[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]**  
**[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]**

- [1] **TYPE OF APPLICATION - Check Those Which Apply for [A]** Newcastle 6 Fed Com 7H 30-015-42506  
 [A] Location - Spacing Unit - Simultaneous Dedication Newcastle 6 Fed Com 28H 30-015-42930  
☐ NSL ☐ NSP ☐ SD Chimay 6 Fed Com 25H 30-015-41584  
 Chimay 6 Fed Com 26H 30-015-41585
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement  
☐ DHC ☒ CTB ☒ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify \_\_\_\_\_

- [2] **NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply**
- [A] ☒ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☒ Notification and/or Concurrent Approval by BLM or SLO  
 U.S. Bureau of Land Management - Commissioner of Public Lands State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached. and/or,
- [F] ☐ Waivers are Attached

- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

*Note: Statement must be completed by an individual with managerial and/or supervisory capacity.*

Kanicia Castillo

Print or Type Name

  
 Signature

Lead Regulatory Analyst

Title

1/19/16

Date

kcastillo@concho.com  
 e-mail Address

District I  
1625 N French Drive, Hobbs, NM 88240  
District II  
811 S First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S St Francis Dr, Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-B  
Revised August 1, 2011

### OIL CONSERVATION DIVISION

1220 S. St Francis Drive  
Santa Fe, New Mexico 87505

Submit the original  
application to the Santa Fe  
office with one copy to the  
appropriate District Office.

#### APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: COG Operating LLC

OPERATOR ADDRESS: One Concho Center, 600 West Illinois Ave, Midland, Texas 79701

APPLICATION TYPE:

☐ Pool Commingling ☒ Lease Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingling)

LEASE TYPE: ☐ Fee ☐ State ☒ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. \_\_\_\_\_

Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
☒ Yes ☐ No

##### (A) POOL COMMINGLING

Please attach sheets with the following information

(1) Pool Names and Codes	Gravities BTU of Non-Commingled Production	Calculated Gravities BTU of Commingled Production		Calculated Value of Commingled Production	Volumes

(2) Are any wells producing at top allowables? ☐ Yes ☐ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No

(4) Measurement type ☐ Metering ☐ Other (Specify)

(5) Will commingling decrease the value of production? ☐ Yes ☐ No If "yes" describe why commingling should be approved

##### (B) LEASE COMMINGLING

Please attach sheets with the following information

(1) Pool Name and Code Loco Hills, Glorieta-Yeso 96718

(2) Is all production from same source of supply? ☒ Yes ☐ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No

(4) Measurement type ☒ Metering ☒ Other (Specify) Well test with common interests

##### (C) POOL and LEASE COMMINGLING

Please attach sheets with the following information

(1) Complete Sections A and E.

##### (D) OFF-LEASE STORAGE and MEASUREMENT

Please attach sheets with the following information

(1) Is all production from same source of supply? ☐ Yes ☐ No

(2) Include proof of notice to all interest owners.

##### (E) ADDITIONAL INFORMATION (for all application types)

Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location

(2) A plat with lease boundaries showing all well and facility locations Include lease numbers if Federal or State lands are involved

(3) Lease Names, Lease and Well Numbers, and API Numbers

I hereby certify that the information above is true and complete to the best of my knowledge and belief

SIGNATURE: KC

TITLE Lead Regulatory Analyst DATE 1/15/16

TYPE OR PRINT NAME Kanicia Castillo TELEPHONE NO 432-685-4322

E-MAIL ADDRESS kcastillo@concho.com

**Bureau of Land Management  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972**

**Newcastle 6 Federal Com PDK 7H, 3001542506 & Chimay 6 Federal com 26H, 3001541585  
Leases NMNM116572, NMNM7752, NMNM117555 & CAs NMNM135560 & NMNM136292**

**COG Operating LLC**

July 24, 2017

**Condition of Approval**

**Surface commingling and off CA gas measurement and sales**

1. This approval is subject to like approval by the New Mexico Oil Conservation Division.
2. This agency shall be notified of any spill or discharge as required by NTL-3A.
3. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments or product accountability.
4. This approval does not constitute right-of-way approval for any off-lease activities. Within 30 days, an application for right-of-way approval must be submitted to the Realty Section if not already done.
5. Approval for combining production from various sources is a privilege which is granted to lessees for the purpose of aiding conservation and extending the economic life of leases. Applicants should be cognizant that failure to operate in accordance with the provisions outlined in the Authorized Officer's conditions of approval and/or subsequent stipulations or modifications will subject such approval to revocation.
6. Gas measurement for allocation must be measured as per Federal Regulations, AGA and API requirements for sales meters.
7. All gas and oil subject to royalty shall be measured as per federal regulations and shall be reported to ONRR as required. All gas which is vented, flared or used on lease shall be reported as per NTL-4A to ONRR. All gas which is vented or flared shall be subject to royalty, unless prior approval was given by the authorized officer.
8. This agency shall be notified of any change in sales method or location of sales point.
9. Additional wells require additional commingling approvals.
10. Notify this office 24 Hrs. prior to any meter calibration/proving to allow time for an inspector to witness.
11. Submit meter numbers upon installation of meters and also provide updated facility diagram with meters numbers.